

CLAIMS

What is claimed is:

- 1 1. A method for management of network access on a per application basis,  
2 comprising:
  - 3 (a) selecting applications from a group of applications adapted for working in  
4 conjunction with a first application program interface to gain access to a  
5 network;
  - 6 (b) installing a second application program interface adapted for precluding the  
7 applications from accessing the network; and
  - 8 (c) wrapping the selected applications for allowing the selected applications to  
9 access the network via the second application program interface.
- 1 2. The method as recited in claim 1, wherein the selected applications are  
2 wrapped with a wrapper adapted for compressing data in a portable  
3 executable (PE) image.
- 1 3. The method as recited in claim 2, wherein the wrapper equips the  
2 compressed data with extractor code adapted for extracting the data in the PE  
3 image.
- 1 4. The method as recited in claim 3, wherein the extractor code is further  
2 adapted for interfacing with the second application program interface.
- 1 5. The method as recited in claim 2, wherein the wrapper is further adapted for  
2 identifying a location in memory.
- 1 6. The method as recited in claim 5, wherein the location in memory is where a  
2 routine is stored for allowing the selected applications to access the network.

- 1 7. The method as recited in claim 1, and further comprising allowing a user to  
2 select the applications to be allowed to access the network via the second  
3 application program interface.
- 1 8. A computer program product for management of network access on a per  
2 application basis, comprising:  
3 (a) computer code for selecting applications from a group of applications  
4 adapted for working in conjunction with a first application program interface  
5 to gain access to a network;  
6 (b) computer code for installing a second application program interface adapted  
7 for precluding the applications from accessing the network; and  
8 (c) computer code for wrapping the selected applications for allowing the  
9 selected applications to access the network via the second application  
10 program interface.
- 1 9. The computer program product as recited in claim 8, wherein the selected  
2 applications are wrapped with a wrapper adapted for compressing data in a  
3 portable executable (PE) image.
- 1 10. The computer program product as recited in claim 9, wherein the wrapper  
2 equips the compressed data with extractor code adapted for extracting the  
3 data in the PE image.
- 1 11. The computer program product as recited in claim 10, wherein the extractor  
2 code is further adapted for interfacing with the second application program  
3 interface.
- 1 12. The computer program product as recited in claim 9, wherein the wrapper is  
2 further adapted for identifying a location in memory.

- 1 13. The computer program product as recited in claim 12, wherein the location in  
2 memory is where a routine is stored for allowing the selected applications to  
3 access the network.
- 1 14. The computer program product as recited in claim 8, and further comprising  
2 computer code for allowing a user to select the applications to be allowed to  
3 access the network via the second application program interface.
- 1 15. A system for management of network access on a per application basis,  
2 comprising:  
3 (a) logic for selecting applications from a group of applications adapted for  
4 working in conjunction with a first application program interface to gain  
5 access to a network;  
6 (b) logic for installing a second application program interface adapted for  
7 precluding the applications from accessing the network; and  
8 (c) logic for wrapping the selected applications for allowing the selected  
9 applications to access the network via the second application program  
10 interface.
- 1 16. The system as recited in claim 15, wherein the selected applications are  
2 wrapped with a wrapper adapted for compressing data in a portable  
3 executable (PE) image.
- 1 17. The system as recited in claim 16, wherein the wrapper equips the  
2 compressed data with extractor code adapted for extracting the data in the PE  
3 image.
- 1 18. The system as recited in claim 17, wherein the extractor code is further  
2 adapted for interfacing with the second application program interface.

1 19. The system as recited in claim 16, wherein the wrapper is further adapted for  
2 identifying a location in memory.

1 20. The system as recited in claim 19, wherein the location in memory is where a  
2 routine is stored for allowing the selected applications to access the network.

1 21. The system as recited in claim 15, and further comprising logic for allowing  
2 a user to select the applications to be allowed to access the network via the  
3 second application program interface.

1 22. A system for management of network access on a per application basis,  
2 comprising:  
3 (a) means for selecting applications from a group of applications adapted for  
4 working in conjunction with a first application program interface to gain  
5 access to a network;  
6 (b) means for installing a second application program interface adapted for  
7 precluding the applications from accessing the network; and  
8 (c) means for wrapping the selected applications for allowing the selected  
9 applications to access the network via the second application program  
10 interface.

1 23 A data structure stored in memory for management of network access on a  
2 per application basis, comprising:  
3 (a) application program interface object for precluding a plurality of applications  
4 from accessing a network; and  
5 (b) a wrapper object for wrapping selected applications for allowing the selected  
6 applications to access the network via the application program interface  
7 object.

1 24 A method for management of network access on a per application basis,  
2 comprising:

- 3 (a) installing an application program interface adapted for precluding a plurality
- 4 of applications from accessing a network; and
- 5 (b) wrapping a plurality of selected applications for allowing the selected
- 6 applications to access the network via the application program interface.

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